

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (Currently Amended) A method of controlling communications in a network,
2 comprising:
3 receiving a request to route signaling and traffic associated with a first terminal to
4 a second terminal;
5 in response to the request, sending a message to the first terminal that signaling
6 and traffic associated with the first terminal is to be re-routed;
7 associating a logical identifier of the first terminal with the second terminal;
8 receiving a call request specifying the logical identifier of the first terminal; and
9 sending an alert indication to the second terminal.

1 2. (Original) The method of claim 1, wherein associating the logical identifier of the
2 first terminal with the second terminal comprises associating a directory number of the first
3 terminal with the second terminal.

1 3. (Currently Amended) ~~The method of claim 1,~~ A method of controlling
2 communications in a network, comprising:
3 receiving a request to route signaling and traffic associated with a first terminal to
4 a second terminal;
5 associating a logical identifier of the first terminal with the second terminal;
6 receiving a call request specifying the logical identifier of the first terminal; and
7 sending an alert indication to the second terminal,
8 wherein associating the logical identifier comprises storing a table associating the
9 logical identifier with identifiers of the first and second terminals.

1 4. (Original) The method of claim 3, wherein storing the table comprises storing a
2 table associating the logical identifier with Internet Protocol addresses of the first and second
3 terminals.

1 5. (Original) The method of claim 1, further comprising receiving at least another
2 request to route signaling and traffic of the first terminal to at least another terminal.

1 6. (Original) The method of claim 1, wherein receiving the request comprises
2 receiving the request in a terminal proxy server.

1 7. (Original) The method of claim 6, wherein the terminal proxy server
2 communicates with a switch module having plural logical ports, the method further comprising
3 the terminal proxy server associating a logical port of the first terminal with the second terminal.

1 8. (Original) The method of claim 1, wherein the route request comprises a request
2 to override the first terminal with the second terminal.

1 9. (Original) The method of claim 8, wherein an alert indication is not sent to the
2 overridden first terminal.

1 10. (Original) The method of claim 1, wherein the route request comprises a request
2 to replicate the first terminal with the second terminal.

1 11. (Original) The method of claim 10, further comprising sending another alert
2 indication to the first terminal.

1 12. (Original) The method of claim 11, further comprising receiving an answer
2 indication from one of the first terminal and second terminal.

1 13. (Currently Amended) The method of claim 11, further comprising establishing a
2 call session between another terminal that sent the call request and one of the first terminal and
3 second terminal ~~and another terminal that sent the call request~~.

1 14. (Original) The method of claim 10, wherein sending the alert indication
2 comprises multicasting the alert indication for receipt by the first and second terminals.

1 15. (Original) The method of claim 1, further comprising:
2 receiving an off-hook indication from the second terminal; and
3 processing a call in response to the off-hook indication as if the second terminal is
4 the first terminal.

1 16. (Currently Amended) An article comprising at least one storage medium
2 containing instructions that when executed cause a ~~controller~~ system to:
3 receive a request to establish a first terminal as a clone of a second terminal;
4 in response to the request, associate a first logical port between a telephony proxy
5 server and a switch module with both the first and second terminals;
6 receive, at the switch module, a call request specifying the second terminal as a
7 target;
8 forward, by the switch module, the call request through the first logical port to the
9 telephony proxy server; and
10 route, by the telephony proxy server, the call request to the first terminal.

1 17. (Currently Amended) The article of claim 16, wherein the instructions when
2 executed cause the ~~controller~~ system to further disable the second terminal.

1 18. (Currently Amended) The article of claim 16, wherein the instructions when
2 executed cause the ~~controller~~ system to further set the first terminal as a replicate of the second
3 terminal.

1 19. (Currently Amended) The article of claim 18, wherein the instructions when
2 executed cause the ~~controller~~ system to further route the call request to the second terminal.

1 20. (Currently Amended) The article of claim 19, wherein the instructions when
2 executed cause the ~~controller~~ system to further receive an indication from one of the first and
3 second terminals that the call request has been answered.

1 21. (Currently Amended) The article of claim 20, wherein the instructions when
2 executed cause the ~~controller~~ system to further establish a call session between another terminal
3 that transmitted the call request and the one of the first and second terminals ~~and another~~
4 ~~terminal that transmitted the call request.~~

1 22. (Currently Amended) The article of claim 16, wherein the instructions when
2 executed cause the ~~controller~~ system to receive the call request over a packet-based network.

1 23. (Currently Amended) A system comprising:
2 an interface to a network coupled to at least a first terminal and a second terminal;
3 and
4 a control module adapted to, in response to a request from a first terminal, define
5 the first terminal as a clone of a second terminal, the control module adapted to further:
6 store a table associating identifiers of the first and second terminals with a first
7 logical port,
8 receive a call request containing a first logical identifier associated with the first
9 and second terminals,
10 in response to the call request, alert both the first and second terminals, and
11 based upon whether the first terminal or second terminal answered the call
12 request, update the table to indicate that the one of the first and second terminals that answered
13 the call request is the terminal to which subsequent call requests containing the first logical
14 identifier are to be directed.

1 24. (Cancelled)

1 25. (Currently Amended) The system of claim ~~24~~ 23, wherein the first logical
2 identifier comprises a directory number.

1 26. (Currently Amended) The system of claim 23, further comprising a switch
2 module communicatively coupled to the control module.

1 27. (Original) The system of claim 26, wherein the control module is adapted to
2 receive a request from the first terminal to establish a call, and wherein the switch module is
3 adapted to treat the request as a request from the second terminal.

1 28. (Original) The system of claim 26, wherein the switch module is associated with
2 plural logical ports, the control module adapted to select one of the logical ports for
3 communicating signaling of the first terminal.

1 29. (Original) The system of claim 28, wherein the selected logical port comprises a
2 logical port assigned to the second terminal.

1 30. (Original) The system of claim 23, wherein the control module comprises a
2 terminal proxy server.

1 31. (Original) The system of claim 30, further comprising a storage unit containing
2 information associating a directory number with the first and second terminals.

1 32. (Cancelled)

1 33. (Original) The system of claim 23, wherein the control module is adapted to set
2 the first terminal as a replicate of the second terminal.

1 34. (Original) The system of claim 23, wherein the interface comprises an interface
2 to an Internet Protocol network.

1 35. (Original) The system of claim 23, wherein the first terminal comprises a
2 wireless terminal.

1 36. (Cancelled)

1 37. (Currently Amended) A system for cloning terminals coupled to a network,
2 comprising:
3 a control unit; and
4 a plurality of soft client modules executable on the control unit,
5 each soft client module adapted to send a request to a server on the network to
6 select one of the terminals to clone,
7 wherein the soft clients become clones of respective terminals.

1 38. (Original) The system of claim 37, wherein each soft client module is adapted to
2 receive an alert indication from the server corresponding to a call request received by the server
3 for the terminal the soft client module is cloning.

1 39. (Original) The system of claim 37, further comprising a router to select one of the
2 soft client modules for communicating packets in a call session.

1 40. (Currently Amended) The system of claim 37 39, comprising an Internet Protocol
2 layer associated with one Internet Protocol address, the router using an additional code in each
3 packet to select one of the soft client modules.

1 41. – 42. (Cancelled)

1 43. (New) The method of claim 3, wherein storing the table associating the first
2 logical identifier with identifiers of the first and second terminals comprises storing the table
3 associating the first logical identifier with both the identifier of the first terminal and the
4 identifier of the second terminal.

1 44. (New) The article of claim 16, wherein forwarding the call request over the first
2 logical port is performed instead of forwarding the call request over a second logical port from
3 the switch module to the telephony proxy server, the second logical port previously associated
4 with the first terminal prior to the request to establish the first terminal as a clone of the second
5 terminal.